



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/722,350

11/25/2003

Jagrut V. Patel

030217

4737

23696 7590 04/18/2008
QUALCOMM INCORPORATED
5775 MOREHOUSE DR.
SAN DIEGO, CA 92121

EXAMINER

RAHMAN, FAHMIDA

ART UNIT

PAPER NUMBER

2116

NOTIFICATION DATE

DELIVERY MODE

04/18/2008

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

us-docketing@qualcomm.com
kascanla@qualcomm.com
nanm@qualcomm.com

Office Action Summary	Application No. 10/722,350	Applicant(s) PATEL ET AL.	
	Examiner FAHMIDA RAHMAN	Art Unit 2116	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 March 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3-6,10-12,14,16,17,21,22 and 25-27 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1,3-6,10-12,14,16-17,21-22 and 25-27 is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 February 2008 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is in response to request for continued examination [RCE] filed on 3/19/08.
2. Claim 27 has been added new.
3. Claims 2, 7-9, 13, 15, 18-20, and 23-24 have been cancelled.
4. Claims 1, 3-6, 10-12, 14, 16-17, 21-22, and 25-27 are pending.
5. This application is in condition for allowance except for the following formal matters described below.

Drawings

6. The drawings submitted on 12 February 2008 are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the "system clock" must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Fig 2 and Fig 3 show 202 as "INTERNAL CLOCK", Fig 5 shows 508 as "SET DELAY INT. CLOCK & FEEDBACK CLOCK = n" and "SET DELAY INT. CLOCK & EXT. CLOCK = n + K". However, applicant's disclosure mentions 202 as system clock ([0027] in page 6). There is no indication in the specification whether 202 can be an internal clock. Claims 1, 3-6, 10-12, 14, 16-17, 21-22, 25-27 mention the terminology "system clock", not the "internal clock". The claimed "system clock" is not shown in any of Fig 1 -Fig 6. The examiner has observed that there is a typographical error between the new drawings and original drawings submitted on 12 February 2008, and 25 November 2003 respectively.

Art Unit: 2116

This has created an inconsistency with reference numerals shown on drawings and described in the specification.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as “amended.” If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either “Replacement Sheet” or “New Sheet” pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Specification

The disclosure is objected to because of the following informalities:

7. There is an inconsistency with reference numeral 202, which is shown as “internal clock” in drawings figures 2 - 3, and 5, and described as “system clock” in the specification. The examiner has observed that there is a typographical error between the new drawings and original drawings submitted on 12 February

Art Unit: 2116

2008, and 25 November 2003 respectively. This has created an inconsistency with reference numerals shown on drawings and described in the specification.

8. Fig 1 shows data bus as 126, however, the disclosure mentions data bus as 120 (line 6, [0028], page 6 and line 7, [0028], page 7). Appropriate correction is required.

Claim Objections

9. Claims 1, 3-6, 10-12, 14, 16-17, 21-22, 25-27 are objected to because of the following informalities:

10. Claim 1 recites "to communicate each of the transmissions in response to the corresponding different external clock delays" in lines 10-12. However, line 10 mentions that each of the transmissions correspond to a different external clock delay. Therefore, the claim should recite "delay" instead of "delays" in line 12.

11. Claims 3-6, 10-11 depend on claim 1. Thus, they carry the same informalities by virtue of dependency.

12. Claim 12 recites "communicating each of the plurality of transmissions in response to the corresponding different external clock delays" in lines 8-10. However, line 7 mentions that each of the transmissions correspond to a different external clock delay. Therefore, the claim should recite "delay" instead of "delays" in line 10.

13. Additionally, claim 12 recites "the successful read/write" in lines 26-27, which should be "a successful read/write" as it is recited for the first time.

Art Unit: 2116

14. Additionally, claim 12 recites “a successful read/write” in line 28, which should be “the successful read/write” as it is recited earlier in lines 26-27.

15. Claims 14, 16-17, 21-22 depend on claim 12. Therefore, they carry the same informalities of claim 12 by virtue of dependency.

16. Claim 25 recites “communicating each of the plurality of transmissions in response to the corresponding different external clock delays” in lines 7-9. However, line 6 mentions that each of the transmissions correspond to a different external clock delay. Therefore, the claim should recite “delay” instead of “delays” in line 9.

17. Claim 26 depends on claim 25. Therefore, it carries the same informalities of claim 26 by virtue of dependency.

18. Claim 27 recites “the electronic component” in lines 4-5, which should be changed to “an electronic component” as it is recited for the first time.

19. Claim 27 recites “communicating each of the plurality of transmissions in response to the corresponding different external clock delays” in lines 8-10. However, lines 6-7 mention that each of the transmissions corresponds to a different external clock delay. Therefore, the claim should recite “delay” instead of “delays” in line 10.

20. Additionally, claim 27 recites “the successful read/write” in line 27, which should be “a successful read/write” as it is recited for the first time.

21. Additionally, claim 27 recites “a successful read/write” in line 28, which should be “the successful read/write” as it is recited earlier in lines 26-27.

Appropriate correction is required.

Art Unit: 2116

Allowable Subject Matter

22. Claims 1, 3-6, 10-12, 14, 16-17, 21-22, 25-27 are allowed.

Conclusion

Applicant provided new set of claims and drawings on 3/13/2008, but applicant did not provide any amendment to the specification on 3/13/08. Therefore, the mutual agreement reached on 2/19/07 about amendment to the specification (through Examiner's amendment) is still valid.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 25 USPQ 74, 453 O.G. 213, (Comm'r Pat. 1935).

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter. Any inquiry concerning this communication or earlier communications from the examiner should be directed to FAHMIDA RAHMAN whose telephone number is (571)272-8159. The examiner can normally be reached on Monday through Friday 8:30 -6:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rehana Perveen can be reached on 571-272-3676. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private

Art Unit: 2116

PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Fahmida Rahman
Examiner
Art Unit 2116

/Nitin C. Patel/

Primary Examiner, Art Unit 2116